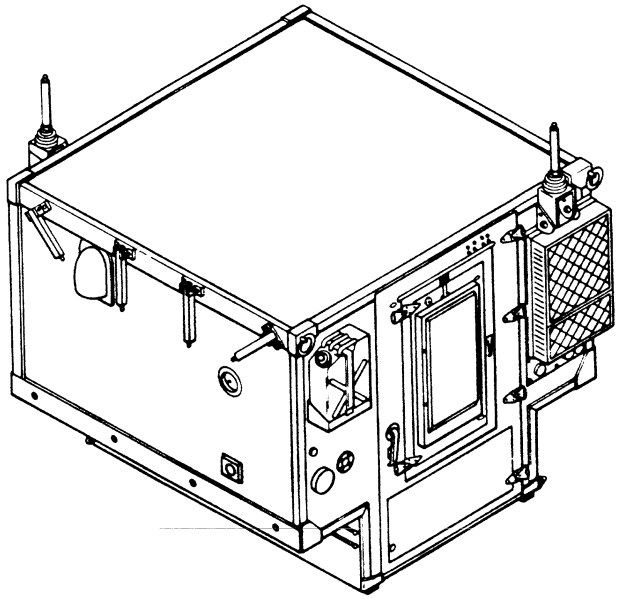
AN/GRC-142



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Radio Teletypewriter Set
SSN:	B00100
LIN:	Q90120
NSN:	5815-00-168-1556
AMIM NO:	-----
EIC:	GFB
FUEL TYPE:	-----

SYSTEM DESCRIPTION

The AN/GRC-142 is a shelter-mounted radio teletypewriter set capable of receiving and transmitting SSB, CW, and compatible AM signals. The teletype equipment can operate in 850 Hz and 85 Hz modes or in 85 Hz teletype plus voice transmission/reception mode. The teletype system consists of the TT-98/FG teletypewriter, TT-76/GGC perforator/ transmitter, and a modem operating through the RT-662/GRC radio subsystem. The AN/GRC-142 does not allow simultaneous transmission and reception; the duplex variant has been designated AN/GRC-122.

The list below identifies components associated with the weapon/materiel system.

AN/GRC-142

LIN	NSN	NOMENCLATURE
A78151	5985-00-892-0758	ANTENNA GROUP: AN/GRA-50
J36383	6115-00-738-6342	GEN ST TM PU-406A/M
K80544	6625-00-682-4464	INDICATOR STANDING WAVE RATIO: ME-1
M58822	5815-00-919-4800	MODEM RADIO TELETYPEWRITER SET
M58822	5815-00-999-5277	MODEM RADIO TELETYPEWRITER SET
P40745	5820-00-937-7690	POWER SUPPLY: PP-4763/GRC
P40745	6130-00-113-9768	POWER SUPPLY: PP-4763/GRC
Q32756	5820-00-223-7548	RADIO SET: AN/GRC-106
Q38299	5820-00-930-3724	RADIO SET: AN/PRC-77
Q90100	5815-01-095-1211	RADIO TELETYPEWRITER SET: AN/GRC-12
R30662	5820-00-644-4554	RECEIVER-TRANSMITTER CONTROL GROUP
S01495	5411-01-092-0892	SHELTER: NONEXPANDABLE S280
T38876	5815-01-017-9172	TELETYPEWRITER: TT-722/TG
V31211	5805-01-217-7310	TELEPHONE SET: TA-312/PT
V36762	5815-00-503-2760	TELETYPEWRITER: TT-76/GGC
V36762	5815-00-553-6061	TELETYPEWRITER: TT-76/GGC

SYSTEM VARIANTS

MDS	LIN	NSN
AN/GRC-142	Q90120	5815-00-401-9720
AN/GRC-142	Q90120	5815-00-443-5511
AN/GRC-142	Q90120	5815-01-095-6258
AN/GRC-142	Q90120	5815-01-100-6815
AN/GRC-142	Q90120	5815-01-104-7264

This summary provides an overview of FY 95 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

AN/GRC-142
FY 95 TOTAL ARMY COST SUMMARY
(FY 95 Constant Dollars)

DENSITY

NUMBER OF SYSTEMS	732

DEPOT END ITEM MAINTENANCE (5.061)

OMA TOTAL	$0
QUANTITY COMPLETED	0
AVG COST/END ITEM	$0.00
PROC (MODIFICATIONS)	$0

CLASS III-POL (5.05)

NOT APPLICABLE

DEPOT SECONDARY ITEM MAINTENANCE

DBOF TOTAL	$1,042
QUANTITY COMPLETED	34
AVG COST/SECONDARY ITEM	$30.65

CLASS V-AMMUNITION (2.11)

NOT APPLICABLE

INTERMEDIATE MAINTENANCE

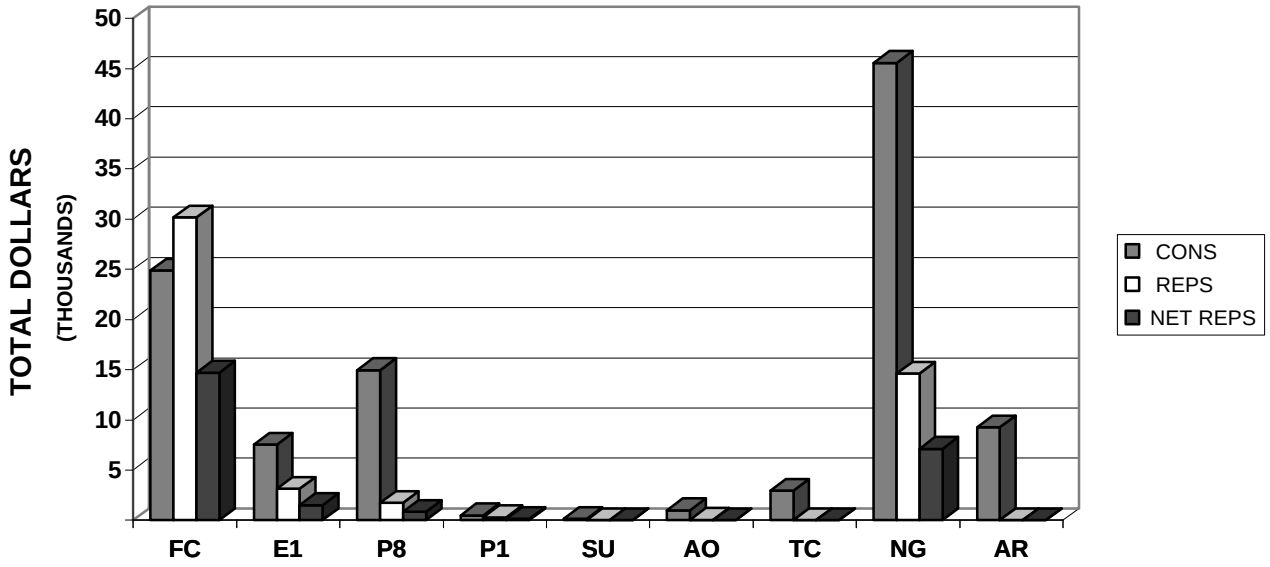
	DS/GS	CIVILIAN
MIL/CIV LABOR COST	$34,622	$2,464
AVG COST/SYSTEM	$47.30	$41.76
MAINTENANCE MANHOURS	2,039	127
MMHs/SYSTEM	2.79	2.15

CLASS IX MATERIEL-PARTS (5.04/5.03)

	FY 95 DOLLARS	AVG COST PER SYSTEM
CONSUMABLES	$106,737	$145.82
NET REPARABLES	$24,355	$33.27
NET TOTAL COSTS	$131,092	$179.09

The following graph and table display FY 95 Class IX costs for consumables (CONS), reparables, (REPS), and net reparables (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

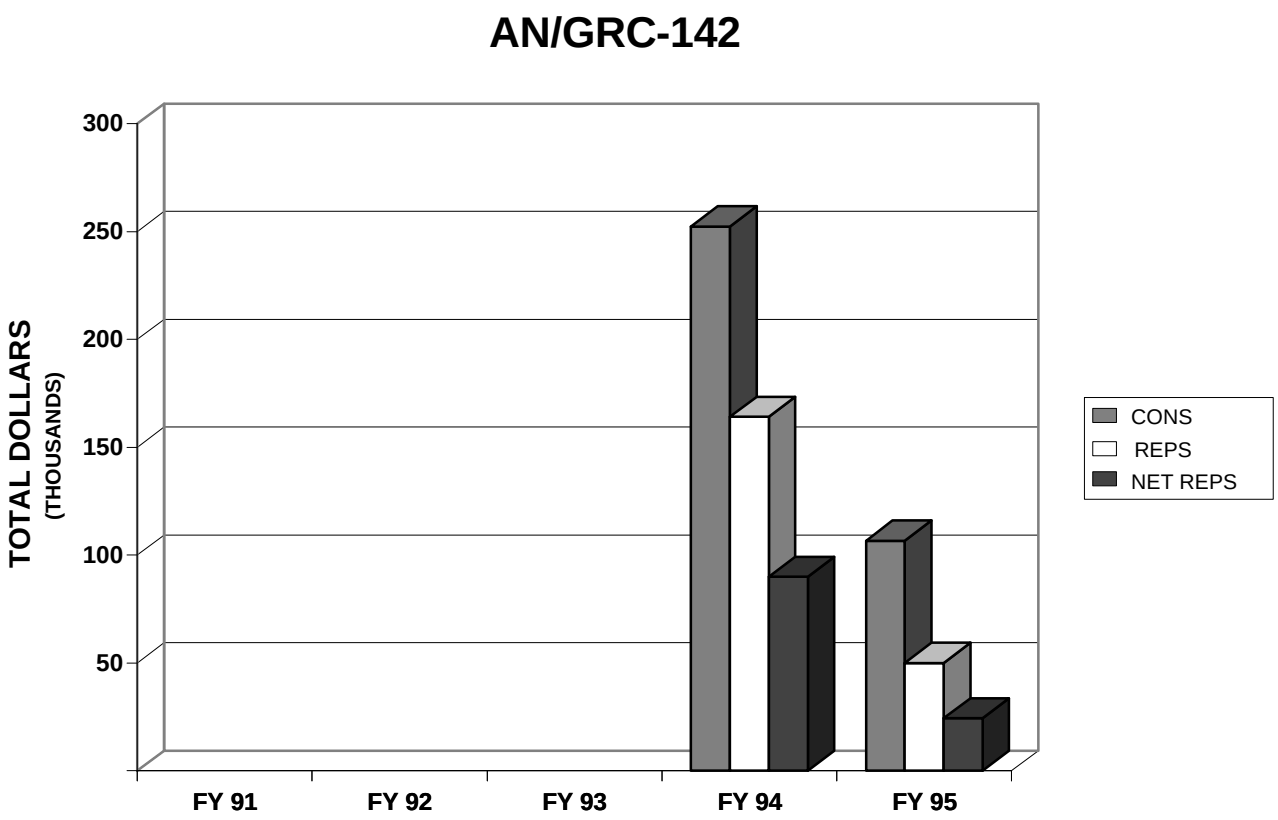
AN/GRC-142



AN/GRC-142
FY 95 MACOM CLASS IX COSTS

MACOM CODE	MACOM NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
FC	FORSCOM	24,872	30,174	14,694	39,566	36	1,099
E1	USAREUR	7,543	3,134	1,527	9,070	7	1,296
P8	EUSA	14,949	1,732	843	15,792	13	1,215
P1	USARPAC	507	304	149	656	1	656
SU	USARSO	138	0	0	138	1	138
AO	USASOC	999	46	22	1,021	3	340
TC	TRADOC	2,934	0	0	2,934	23	128
NG	ARNG	45,547	14,618	7,120	52,667	426	124
AR	USAR	9,248	0	0	9,248	222	42
TA	TOTAL ARMY	106,737	50,008	24,355	131,092	732	179

The following graph and table display FY 91-95 Class IX costs for consumables (CONS), reparables (REPS) and net reparables (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.



AN/GRC-142 FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
FY 91						
FY 92						
FY 93						
FY 94	252,365	164,015	89,875	342,240	896	382
FY 95	106,737	50,008	24,355	131,092	732	179

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 95 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army.

AN/GRC-142
FY 95 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	FRONT END (SENSOR)	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	68,621	18,388	8,957	77,578	732	106
04	PERIPHERALS	0	0	0	0	0	0
05	ENVIRON SUPPORT	9,761	31,620	15,398	25,159	732	34
06	APPS SOFTWARE	0	0	0	0	0	0
07	SYST SOFTWARE	0	0	0	0	0	0
08	INTEG, ASSY, TEST	0	0	0	0	0	0
09	OTHER	28,355	0	0	28,355	732	39
	TOTAL	106,737	50,008	24,355	131,092	732	179

The following table displays FY 91-95 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are the summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/GRC-142
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS	FY 95 NET TOTAL COSTS
01	FRONT END (SENSOR)				0	0
02	PROCESSING (ADPE)				0	0
03	COMMUNICATIONS				227,775	77,578
04	PERIPHERALS				576	0
05	ENVIRON SUPPORT				71,621	25,159
06	APPS SOFTWARE				0	0
07	SYST SOFTWARE				0	0
08	INTEG, ASSY, TEST				0	0
09	OTHER				42,268	28,355
	TOTAL				342,240	131,092
	NUM OF SYSTEMS				896	732
	AVG PER SYSTEM				382	179

AN/GRC-142
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

AN/GRC-142
CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 95 AMDF UNIT PRICE	FY 95 QTY	EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 94-95 TWO YEAR AVERAGE QTY	FY 94-95 TWO YEAR AVERAGE EXTENDED COST
1.	5985009859024	ANTENNA	03C	O		G21RT	270.00	24.86	6,712	9.17	3.3962	26.58	7,177
2.	7240003600094	ADAPTER KIT,GRAV	09	Z		E2200	25.37	255.90	6,492	8.87	34.9590	298.57	7,575
3.	6135001255256	BATTERY, NONRECH	09	Z		E2200	21.86	270.97	5,923	8.09	37.0178	286.78	6,269
4.	6130010636273	POWER SUPPLY	05A	Z		G21RJ	1,312.00	4.00	5,248	7.17	0.5464	3.60	4,717
5.	5820009375530	COVER, ELECTRONI	03E	Z		G22RC	97.49	45.00	4,387	5.99	6.1475	39.00	3,802
6.	6135010342239	BATTERY, NONRECH	09	Z		G22T7	46.18	93.93	4,338	5.93	12.8320	125.51	5,796
7.	5975002245260	ROD GROUND MX-14	03J	Z		Q2200	24.33	124.86	3,038	4.15	17.0574	158.74	3,862
8.	5960003697460	ELECTRON TUBE	03J	Z		Q2200	188.08	15.13	2,846	3.89	2.0669	16.29	3,064
9.	5410010703783	COVER ASSEMBLY	09	Z		J2200	939.51	2.64	2,480	3.39	0.3607	1.32	1,240
10.	6645004102395	CLOCK,PANEL	09	Z		E2200	20.73	111.18	2,305	3.15	15.1885	140.73	2,917
11.	5985001998831	ANTENNA ELEM MS-	03C	Z		Q22RU	6.75	273.50	1,846	2.52	37.3634	247.49	1,671
12.	6130012479149	INVERTER,POWER,STAT	05A	F		G21RC	1,053.00	1.67	1,759	2.40	0.2281	3.41	3,591
13.	5995009355236	CABLE ASSEMBLY,P	03E	F		Q21RC	321.15	5.11	1,641	2.24	0.6981	11.96	3,839
14.	5340000661235	ADAPTER ASSEMBLY	09	Z		T2200	16.48	87.92	1,449	1.98	12.0109	123.64	2,038
15.	5995009858005	CABLE ASSEMBLY	03J	Z		Q2200	135.01	10.71	1,446	1.98	1.4631	13.86	1,871
16.	5820001705171	CONTROL, RADIO S	03E	F		G21RC	572.00	2.52	1,441	1.97	0.3443	2.15	1,230
17.	5965000433463	HANDSET H-250/U	03A	Z		G227B	37.85	37.73	1,428	1.95	5.1544	46.75	1,769
18.	5920004989442	ABSORBER,OVERVOL	03J	Z		Q2200	447.97	2.93	1,313	1.79	0.4003	4.17	1,868
19.	5820002265368	RADIO SET SUBASS	03E	H		G21RC	364.00	3.29	1,198	1.64	0.4495	5.76	2,097
20.	5925001330451	CIRCUIT BREAKER	03E	Z		Q22RC	169.88	6.83	1,160	1.58	0.9331	11.12	1,888
21.	5998011014464	CIRCUIT CARD ASS	03E	Z		G22RC	82.45	13.08	1,078	1.47	1.7869	8.98	740
22.	6150009350257	CABLE ASSEMBLY P	09	Z		J2200	240.81	4.16	1,002	1.37	0.5683	5.08	1,223
23.	5895002265370	RECEIVER SUBASSE	03B	H		G21RC	280.00	3.46	969	1.32	0.4727	3.10	867
24.	5950002464524	TRANSFORMER,POWE	03E	Z		Q22RC	709.41	1.35	958	1.31	0.1844	1.49	1,057
25.	5995008232176	CABLE ASSEMBLY,R	03J	Z		Q2200	28.51	32.48	926	1.27	4.4372	34.28	977
26.	5820001704781	CONTROL, RADIO S	03E	H		G21RC	572.00	1.52	869	1.19	0.2077	1.73	987
27.	5998001793149	CIRCUIT CARD ASS	03E	H		G21RC	164.00	5.28	866	1.18	0.7213	5.72	938
28.	5965008920722	MICROPHONE M-29B	03A	Z		Q22RU	69.23	11.93	826	1.13	1.6298	14.14	979
29.	6145006608711	CABLE RG213	09	Z		Q2200	0.33	2,446.05	807	1.10	334.1598	4,089.79	1,350
30.	5985001157149	MAST SECTION	03C	Z		Q22RU	5.91	123.04	727	0.99	16.8087	124.84	738
31.	5895007526166	CASE, TELEPHONE	03J	Z		Q22RH	25.18	28.41	715	0.98	3.8811	27.57	694
32.	5915009331232	FILTER RADIO INT	03E	Z		Q23RC	138.75	4.86	674	0.92	0.6639	2.43	337
33.	5963002265364	AMPLIFIER SUBASS	03E	H		G21RC	262.00	2.46	645	0.88	0.3361	1.39	364
34.	5995009858014	LEAD CX-1	03J	Z		Q2200	78.32	8.06	631	0.86	1.1011	11.31	885
35.	5995009857998	CABLE ASSEMBLY,S	03J	Z		Q2200	59.26	10.47	620	0.85	1.4303	20.52	1,216
36.	5960001704573	ELECT TUBE 2BP1	03E	Z		Q22RC	298.75	2.00	598	0.82	0.2732	2.12	632
37.	5945006866877	RELAY,ELECTROMAG	03J	Z		Q2200	68.34	8.74	597	0.82	1.1940	13.02	890
38.	5995001774501	CABLE ASSEMBLY,P	03E	Z		Q22RC	42.49	13.72	583	0.80	1.8743	14.02	596
39.	5820002265437	SYNTHESIZER, ELECTRI	03E	H		G21RC	593.00	0.96	569	0.78	0.1311	1.36	804
40.	5970004058223	INSULATOR	03J	Z		Q2200	23.84	21.81	520	0.71	2.9795	19.22	458

NUMBER OF SYSTEMS 732	73,630	69.0%	TOP 40
NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING	33,107	31.0%	OTHERS
	106,737		TOTAL

AN/GRC-142
COST DRIVERS
CLASS IX REPARABLES (DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 95AMDF UNIT PRICE W/O CREDIT	FY 95AMDF UNIT PRICE W/CREDIT	FY 95 QTY	EXTENDED COST W/CREDIT (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT) PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 94-95 TWO YEAR AVERAGE QTY	FY 94-95 TWO YEAR AVERAGE EXTENDED COST (W/CREDIT)
1.	6130010925998	INVERTER,POWER,S	05A	F	C	G21RE	1,053.00	512.81	28.34	14,533	19.85	3.8716	19.42	9,956
2.	5820007828903	SYNTHESIZER ASSY	03E	D		G21RC	593.00	288.79	5.79	1,672	2.28	0.7910	2.90	836
3.	5820009248465	AMPLIFIER,RADIO	03E	D		G21RC	1,478.00	719.79	1.89	1,360	1.86	0.2582	3.28	2,357
4.	6130008425721	CHARGER,BATTERY	05A	D		G21RC	590.00	287.33	3.00	862	1.18	0.4098	3.45	991
5.	5985009897540	COUPLER,ANTENNA	03C	D		G21RC	2,247.00	1,094.29	0.69	755	1.03	0.0943	4.79	5,242
6.	5895010928620	AMPLIFIER,ELECTR	03E	D	C	G214B	2,979.00	1,450.77	0.52	754	1.03	0.0710	1.08	1,560
7.	5820009174932	TURRET ASSEMBLY	03E	D		G21RC	2,320.00	1,129.84	0.57	644	0.88	0.0779	1.31	1,474
8.	5815000454489	SCOPE MODULE ASS	03J	D		G21RC	516.00	251.29	2.37	596	0.81	0.3238	6.17	1,549
9.	5815000454487	LOOP BATTERY MOD	03J	D		G21RC	468.00	227.92	1.92	438	0.60	0.2623	3.49	794
10.	5815000454490	TRANSMITTER MODU	03A	D		G21RC	355.00	172.89	1.90	328	0.45	0.2596	4.73	818
11.	5820009061115	MATCHING UNIT-BA	03E	D		G21RT	190.00	92.53	3.32	307	0.42	0.4536	11.60	1,073
12.	5820002265363	DISCRIMINATOR AS	03E	D		G21RC	325.00	158.28	1.79	283	0.39	0.2445	2.47	391
13.	5820002265439	RECEIVER, INTERM	03B	D		G21RC	518.00	252.27	1.03	260	0.36	0.1407	3.12	786
14.	5820009410336	AMPLIFIER SUBASS	03E	L		G21RC	257.00	125.16	2.04	255	0.35	0.2787	1.02	128
15.	5820009976200	TURRET DRIVE SUB	03E	D		G21RC	926.00	450.96	0.56	253	0.35	0.0765	0.78	349
16.	5820002265365	TRANSLATOR, SIGN	03E	D		G21RC	359.00	174.83	1.17	205	0.28	0.1598	3.47	606
17.	5820002265366	TRANSMITTER SUBA	03A	D		G21RC	351.00	170.94	1.08	185	0.25	0.1475	1.51	258
18.	5815000893965	RADIO TELETYPEWR	03E	D		G21RC	408.00	198.70	0.91	181	0.25	0.1243	1.65	328
19.	5815010459448	RECEIVER,AUDIO,B	03B	D		G21RC	407.00	198.21	0.91	180	0.25	0.1243	1.17	232
20.	5820007829465	DRUM ASSEMBLY	03E	D		G21RC	1,266.00	616.54	0.18	111	0.15	0.0246	0.26	160
21.	5985009176567	COUPLER,ANTENNA	03C	L		G21RC	2,247.00	1,094.29	0.05	55	0.08	0.0068	1.85	2,024
22.	5895010298726	KEYBOARD SUBASSE	03J	D		G21RJ	2,904.00	1,414.25	0.03	42	0.06	0.0041	0.02	21
23.	5998010704121	CIRCUIT CARD ASS	03J	D		G21RJ	2,343.00	1,141.04	0.02	23	0.03	0.0027	0.01	11
24.	5998010913457	CIRCUIT CARD ASS	03E	D	E	G214B	1,577.00	768.00	0.03	23	0.03	0.0041	0.12	88
25.	5998012678120	CIRCUIT CARD ASS	03J	D		G21RJ	1,455.00	708.59	0.02	14	0.02	0.0027	0.04	25
26.	5998010913454	CIRCUIT CARD ASS	03E	D	E	G214B	325.00	158.28	0.08	13	0.02	0.0109	0.15	24
27.	5998010913456	CIRCUIT CARD ASS	03E	D	D	G214B	470.00	228.89	0.05	11	0.02	0.0068	0.30	68
28.	6105011613799	MOTOR ASSEMBLY	05A	D		G21RJ	855.00	416.39	0.01	4	0.01	0.0014	0.04	15
29.	5995010394909	CABLE ASSEMBLY,S	03E	D		G21RU	698.00	339.93	0.01	3	0.00	0.0014	0.04	12
30.	5998010913455	CIRCUIT CARD ASS	03E	D	E	G214B	397.00	193.34	0.01	2	0.00	0.0014	0.76	147

NUMBER OF SYSTEMS 732

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

24,355	100.0%	COST DRIVERS
0	0.0%	OTHERS
24,355		TOTAL

The following table summarizes FY 95 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture.

AN/GRC-142
FY 95 DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	0	460	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	0	281	0
OVERHEAD	0	0	0	0	0	294	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	7	0
TOTAL	0	0	0	0	0	1,042	0
QTY COMPLETED	0	0	0	0	0	34	0
AVG COST	0	0	0	0	0	31	0

The table below summarizes FY 95 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM DS/GS LABOR HOURS by the Army Manpower Cost System (AMCOS) E-5 composite standard rate ($16.98). CIVILIAN LABOR COSTS are a summation from the source data.

AN/GRC-142
FY 95 INTERMEDIATE MAINTENANCE COSTS

MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	82	1,392	87	2,197	25.25
USAREUR	45	764			
EUSA	13	221			
USARPAC	0	0			
USARSO	0	0			
USASOC	0	0			
TRADOC	0	0	40	267	6.68
ARNG	1,897	32,211			
USAR	2	34			
TOTAL ARMY	2,039	34,622	127	2,464	19.40

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 91-95 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 95 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

AN/GRC-142
FIVE YEAR DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
CIVILIAN LABOR				5,233	0				1,906	460
MILITARY LABOR				0	0				0	0
MATERIEL				1,073	0				650	281
OVERHEAD				14,672	0				5,240	294
CONTRACT				0	0				0	0
OTHER				0	0				7	7
TOTAL				20,978	0				7,803	1,042
QTY COMPLETED				1	0				30	34
AVG COST				20,978	0				260	31

The table below summarizes FY 91-95 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance (CIV) are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 95 constant dollars. Civilian labor costs are a summation from the source data. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

AN/GRC-142
FIVE YEAR INTERMEDIATE MAINTENANCE COSTS

MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENACE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
FORSCOM				1,672	1,392				0	2,197
USAREUR				3,992	764					
EUSA				1,381	221					
USARPAC				290	0					
USARSO				137	0					
USASOC				51	0					
TRADOC				0	0				0	267
ARNG				31,967	32,211					
USAR				0	34					
TOTAL ARMY				39,490	34,622				0	2,464
LABOR HRS				2,315	2,039				0	127
COST PER HR				17.06	16.98				0.00	19.40

The following list shows the FY 95 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the Master File Maintenance (MFM). AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 95 TOTAL COST TO REBUILD/OVERHAUL by the FY 95 QTY COMPLETED.

AN/GRC-142
FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 95 TOTAL COST TO REBUILD/ OVERHAUL	FY 95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
6130-01-092-5998	INVERTER,POWER,S	1,053	1,042	34	31

The following list shows the FY 95 Secondary Item Maintenance - Repairs Cost Drivers recorded in Master File Maintenance (MFM). AVG COST TO REPAIR is calculated by dividing the costs in FY 95 TOTAL COST TO REPAIR by the FY 95 QTY COMPLETED.

AN/GRC-142
FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 95 TOTAL COST TO REPAIR	FY 95 QTY COMPLETED	AVG COST TO REPAIR

NO DATA

The following list shows the FY 91-95 Secondary Item - Rebuild/Overhaul Cost Drivers recorded in MFM. These five year Cost Drivers were revised from the previous years' report. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 91-95 TOTAL COST TO REBUILD/OVERHAUL by the FY 91-95 QTY COMPLETED.

AN/GRC-142
FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 91-95 TOTAL COST TO REBUILD/ OVERHAUL	FY 91-95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5815-00-553-6061	TELETYPEWRITER: TT-7(	1,404	6,057	3	2,019
6130-01-092-5998	INVERTER,POWER,STAT	1,053	2,346	60	39
5820-00-078-4771	AMPLIFIER,RADIO FRE	1,901	495	0	0

The following list shows the FY 91-95 Secondary Item - Repair Cost Drivers recorded in MFM. These five year cost drivers were revised from the previous years' report. The AVG COST TO REPAIR is calculated by dividing the costs in FY 91-95 TOTAL COST TO REPAIR by the FY 91-95 QTY COMPLETED.

AN/GRC-142
FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 91-95 TOTAL COST TO REPAIR	FY 91-95 QTY COMPLETED	AVG COST TO REPAIR
5820-00-906-1115	MATCHING UNIT-BASE	190	236	1	236

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